## What is claimed is:

1	1. A method for providing a wireless terminal of a
2	communication system access to at least a phonebook
3	database of the system, comprising:
4	(a) for incoming phone calls to said wireless
5	terminal
6	identifying phone number of a caller at said
7.	wireless terminal;
8	instructing the system to search said phonebook
9	database to identify name of caller; and
10	sending results of the search to said wireless
11	terminal, such that
12	(i) if caller identity search is successful,
13	identification of caller is presented at said wireless
14	terminal, and
15	(ii) if the caller identity search is not
16	successful, the caller phone number is presented only at
17	said wireless terminal, and
18	(b) for outgoing calls to be made from said
19	wireless terminal
20	instructing the system to search said phonebook
21	database to locate at least one of a phone number and
22	destination of an outgoing call; and
23	sending results of the search to said wireless
24	terminal such that

25	(i) if the phone number/destination of the
26	call to be made is found in the database, the same is
27	presented at said wireless terminal, and
28	(ii) if the phone number/destination is not
29	found in an initial search query of the database, the
30	wireless terminal user, optionally, may modify the search
31	query of the system to the phonebook database or
32	terminate identification process.
	I

2. The method according to claim 1,

wherein said wireless terminal is continuously

maintained in the system to permit uninterrupted

accessibility of said phonebook database, and

wherein a protocol application is used to allow

communication between said wireless terminal and the

system.

 $500^{5}$ 

3. The method according to claim 2, wherein the protocol application comprises an application taken from the list consisting of a Wireless Application Protocol (WAP), a Hypetext Transfer Protocol (HTTP) and a Lightweight Directory Access Protocol (LDAP).

comprises:

4. The method according to claim 1,
wherein said communication system comprises a
Wireless Local Area Network (WLAN), and
wherein said wireless terminal is continuously
maintained in the network to permit uninterrupted

accessibility of said phonebook database.

- 5. The method according to claim 1, wherein identification of caller of an incoming call or person or party to be called includes showing at least one of name and affiliation and, when stored in the phonebook database, showing picture of person on a display of said wireless terminal.
  - 6. The method according to claim 1,
    wherein said communication system comprises a
    Wireless Local Area Network (WLAN) and said phonebook
    database is provided in the network, and
    wherein the instruction to search said
    phonebook database to identify the name of caller of said
    incoming call or at least one of a phone number and
    destination of said outgoing call to be made is effected
    over said WLAN and an Internet Protocol (IP)-based online
    link-up of said wireless terminal and the network and

- instructing the system, to start a phonebook
- 13 application, and
- performing search query of said phonebook
- 15 database to identify caller of an incoming call or
- 16 performing one or a successive number of new or modified
- 17 search queries, as deemed appropriate by the terminal
- 18 user, through a user interface (UI) provided at said
- 19 wireless terminal to locate the phone number and
- 20 destination of a call to be made.
  - 1 7. The method according to claim 6, wherein said
  - 2 phonebook application is commenced when, for an incoming
  - 3 call, the phone number is determined not to be locally
  - 4 stored in said wireless terminal and, for an outgoing
  - 5 call, at least one of phone number and destination of the
  - 6 call to be made is determined not to be locally stored in
  - 7 said wireless terminal.
  - 1 8. The method according to claim 6, wherein said
- 2 phonebook application is a World Wide Web (WWW) IP-based
- 3 application using Hypertext Transfer Protocol (HTTP) to
- 4 transmit information between said wireless terminal and a
- 5 WWW server having access to the phonebook database, and
- 6 using a Hypertext Mark-up Language (HTML) browser to
- 7 query a database in said wireless terminal.

- 1 9. The method according to claim 6, wherein said
- 2 phonebook application is a Wireless Application Protocol
- 3 (WAP)-based phonebook application using a WAP browser for
- 4 Wireless Application Environment (WAE) to access a
- 5 database in said wireless terminal and a protocol
- 6 application to access a WAP or WWW server having access
- 7 to said phonebook database.
- 1 10. The method according to claim 6, wherein said
- phonebook application is a query-based contacts
- 3 application in which Lightweight Directory Access
- 4 Protocol(LDAP) is used to transmit information between
- 5 said wireless terminal and a Directory System Agent (DSA)
- 6 server having access to said phonebook database.
- 1 11. The method according to claim 6, wherein
- 2 listings of matched contents associated with each said
- 3 query are viewed at a user terminal so that client
- 4 requesting information can make a selection from the
- 5 listing or instruct the system to make a new or modified
- 6 query to the phonebook database.
- 1 12. The method according to claim 11, wherein
- 2 individual query outcomes are viewed through a browsable
- 3 window at a user terminal and the like.

 $S_{4}$   $C_{1}$   $C_{2}$   $C_{3}$ 

4

5

6

7

8

9

10

11

12

13

14

15

13. The method according to claim A

wherein said phonebook database is available
wirelessly to the user terminal through a secured online
access and comprises phone number(s), address(es), name
and picture, if available, and profile information of
personnel/clients of a company or corporation, a company
plant, or organization/association and the like, and
wherein the phone numbers in said phonebook
database comprise phone numbers of office phones,
facsimile phones, cell and mobile phones, pagers and
handheld devices including PDAs (Personal Digital
Assistants) and palm units with and without voice
capability, said phonebook database further comprising
contact addresses and terminal addresses including E-mail
addresses of desktop and portable computers and the like.

- 1 14. The method according to claim 13, wherein said
- 2 search query associated with the outgoing call to be made
- 3 is limited by search criteria employed, said search
- 4 criteria comprising any one or more items from the list
- 5 consisting of:
- 6 a name and contact information including
- 7 address, phone number(s), facsimile number(s), an E-mail
- 8 address and the like; a title of person in
- 9 company/organization; a unit, plant or branch of company;
- 10 a project group or work team; a building/site location;

- 11 picture of person; and a person's administrative
- 12 assistant.

6

7

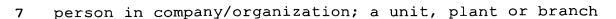
- 15. The method according to claim 1, further comprising providing a journal viewing application in which said communication system searches a journal database for background information associated with at least one of a caller of an incoming phone call and a phone number or person/party of an outgoing call to be made and sends results of the background information search to said wireless terminal.
- 1 16. The method according to claim 15, wherein the
- 2 background information stored in said journal database
- 3 which is available to a user terminal of said system,
- 4 including said wireless terminal, comprises:
- 5 previous phone calls, originating and
- 6 terminating, including dates, times and durations; E-
- 7 mails; task lists; documents associated with originating
- 8 or terminating call; a project; a calendar date; and a
- 9 company or plant associated with originating or
- 10 terminating call.
  - 1 17. In a communication system having an
  - 2 infrastructure comprising at least one wireless terminal,
  - 3 at least one access point and a wired backbone, a method

- 4 for providing to each said wireless terminal thereof
- 5 online access capability to at least a phonebook database
- 6 of the system comprising:
- 7 instructing the system to start a phonebook
- 8 application, wherein for incoming calls the phonebook
- 9 application commences in response to a phone number
- 10 identification at user terminal side and for outgoing
- 11 calls the phonebook application commences through a user
- 12 interface (UI) of said wireless terminal; and
- performing a search query of said phonebook
- 14 database to identify at least one of (i) a caller
- 15 corresponding to a phone number identification of an
- 16 incoming call and (ii) at least one of a phone number and
- 17 destination of an outgoing call to be made.
  - 1 18. The method according to claim 17,
  - wherein said communication system comprises a
- 3 Wireless Local Area Network (WLAN) and said phonebook
- 4 database is a network database, and
- 5 wherein said phonebook application is a World
- 6 Wide Web (WWW) IP-based application using Hypertext
- 7 Transfer Protocol (HTTP) to transmit information between
- 8 said wireless terminal and a WWW server, included in the
- 9 network, having access to the phonebook database and
- 10 using a Hypertext Mark-up Language (HTML) browser to
- 11 query a database in said wireless terminal.

- 1 19. The method according to claim 17,
- wherein said communication system comprises a
- 3 Wireless Local Area Network (WLAN) and said phonebook
- 4 database is a network database, and
- 5 wherein said phonebook application is a
- 6 Wireless Application Protocol (WAP)-based phonebook
- 7 application using a WAP browser for Wireless Application
- 8 Environment (WAE) to access a database in said wireless
- 9 terminal and a transport interface to access a WAP or WWW
- 10 server, included in the network, having access to said
- 11 phonebook database.
  - 1 20. The method according to claim 17,
  - wherein said communication system comprises a
  - 3 Wireless Local Area Network (WLAN) and said phonebook
  - 4 database is a network database, and
  - 5 wherein said phonebook application is a query-
  - 6 based contacts application in which Lightweight Directory
  - 7 Access Protocol (LDAP) is used to transmit information
  - 8 between said wireless terminal and a Directory System
  - 9 Agent (DSA) server, included in the network, having
- 10 access to said phonebook database.

- 1 21. The method according to claim 17,
- wherein said communication network comprises a
- 3 Wireless Local Area Network (WLAN) and said phonebook
- 4 database is provided in the network, and
- 5 wherein said phonebook application is performed
- 6 using a protocol application comprising an application
- 7 taken from the list consisting of Wireless Application
- 8 Protocol (WAP), Hypertext Transfer Protocol (HTTP), and
- 9 Lightweight Directory Access Protocol (LDAP).
- 1 22. The method according to claim 17, wherein said
- 2 phonebook application is commenced when, for an incoming
- 3 call, the phone number is determined not to be locally
- 4 stored in said wireless terminal and, for an outgoing
- 5 call, at least one of the phone numbers and destination
- 6 of the call to be made is determined not to be locally
- 7 stored in said wireless terminal.
- 1 23. The method according to claim 17, wherein said
- 2 search query associated with the outgoing call to be made
- 3 comprises:
- 4 at least one query, based on a search criteria
- 5 sent through the user interface of said wireless
- 6 terminal, to find at least one of a phone number and name
- 7 of a person or party to be called, said search query
- 8 conforming to a Wireless Local Area Network (WLAN) -based

- 9 transport protocol or a WLAN-based protocol over the
- 10 internet and performed by a server in the network having
- 11 access to said phonebook data base.
  - 1 24. The method according to claim 23,
- wherein said phonebook database is available
- 3 wirelessly to a user terminal through a secured online
- 4 access over the internet and comprises phone number(s),
- 5 name and profile information of personnel/clients of a
- 6 company or corporation, a company plant, or
- 7 organization/association and the like, and
- 8 wherein the phone numbers in said phonebook
- 9 database comprise phone numbers of office phones,
- 10 facsimile phones, cell and mobile phones, pagers and
- 11 handheld devices including Personal Digital Assistants
- 12 (PDAs) and palm units with and without voice capability,
- 13 said phonebook database further comprising contact
- 14 addresses and terminal addresses including E-mail
- 15 addresses of desktop and portable computers and the like.
  - 1 25. The method according to claim 24, wherein said
  - 2 search criteria of said search query associated with the
  - 3 outgoing call to be made contains any one or more items
  - 4 from the list consisting of: a name and contact
  - 5 information including address, phone number(s), facsimile
  - 6 number(s) an E-mail address and the like; a title of



- 8 of company; a project group or work team; a building/site
- 9 location; picture of person; and a person's
- 10 administrative assistant.
- 1 26. The method according to claim 23, wherein
- 2 listings of matched contents associated with each said
- 3 query are viewed at a user terminal so that client
- 4 requesting information can make a selection from the
- 5 listing or instruct the system to make a new or modified
- 6 query to the phonebook database.
- 1 27. The method according to claim 17, further
- 2 comprising providing a journal viewing application in
- 3 which said communication system searches a journal
- 4 database for background information associated with at
- 5 least one of a caller of an incoming phone call and a
- 6 phone number or person/party of an outgoing call to be
- 7 made and sends results of the background information
- 8 search to said wireless terminal.
- 1 28. The method according to claim 27, wherein the
- 2 background information stored in said journal database
- 3 which is available to a user terminal of said system,
- 4 including said wireless terminal, comprises:

previous phone calls, originating and
terminating, including dates, times and durations; Emails; task lists; documents associated with originating
or terminating call; a project; a calendar data; and a
company or plant associated with originating or
terminating call.

1 29. A method for providing a wireless terminal of
2 communication system access to at least a journal
3 database, comprising:

instructing the system to start a journal viewing application to obtain background information related to occurrence of an incoming call or an outgoing call to be made; and

performing a search query of said journal database to locate the background information, the search query including a call identification process in which either an incoming call phone number or at least one of a phone number and name of person or party of an outgoing call to be made is matched to background information associated therewith in said journal database; and presenting the matched background information to said wireless terminal.

30. The method according to claim 29, wherein the background information which is stored in said journal

 $\frac{1}{2}$ 

- 3 database and is available to a user terminal of said
- 4 system, including said wireless terminal, comprises:
- 5 previous phone calls, originating and
- 6 terminating, including dates, times and durations; E-
- 7 mails; task lists; documents associated with originating
- 8 or terminating call; a project; a calendar data; and a
- 9 company or plant associated with originating or
- 10 terminating call.
  - 1 31. The method according to claim 30, wherein the
  - 2 background information presented to said wireless
  - 3 terminal is filtered and organized, including having
  - 4 headings, through settings chosen by the terminal user,
  - 5 the filtered settings may be varied for originating and
  - 6 terminating calls.
  - 1 32. The method according to claim 31,
- wherein information displayed on a wireless
- 3 terminal comprises:
- 4 recent phone calls, originating and
- 5 terminating; task headings; E-mail headings; and related
- 6 documents.
  - 33. The method according to claim 29,
    - wherein said communication system comprises a
  - Wireless Local Area Network (WLAN), and

3ubs/

- said wireless terminal is continuously 4 maintained in the network to permit uninterrupted 5 accessibility of said journal database.
- The method according to claim 29, wherein said 1 journal viewing application is /a World Wide Web (WWW) IP-2
- based application using Hypertext Transfer Protocol 3
- (HTTP) to transmit information between said wireless 4
- terminal, and a WWW server, included in the network, 5
- having access to said journal database and using a 6
- Hypertext Mark-up Language (HTML) browser to query a 7
- database in said wireless terminal. 8
- The method according to claim 29, wherein said 1 35.
- journal viewing application is a Wireless Application 2
- Protocol (WAP) -based application using a WAP browser for 3
- Wireless Application Environment (WAE) to access a 4
- database ∮n said wireless terminal and using a transport 5
- interfac∉ to access a WAP server, included in the 6
- network, having access to said journal database. 7
- The method according to claim 29, wherein said 1
- jou#nal viewing application is a query-based contacts 2
- application in which Lightweight Directory Access 3
- P#otocol (LDAP) is used to transmit information between 4
- $\sharp$ aid wireless terminal and a Directory System Agent (DSA) 5

- 6 server, included in the network, having access to said
- 7 journal database.
- 1 37. The method according to claim 29, wherein
- 2 access to said journal database is effected using a
- 3 protocol application.
- 1 38. The method according to claim 37, wherein the
- 2 protocol application comprises an application taken from
- 3 the list consisting of a Wireless Application Protocol
- 4 (WAP), a Hypertext Transfer Protocol (HTTP), and a
- 5 Lightweight Directory Access Protocol (LDAP) interface.
- 6 39. A system to provide a wireless terminal of a
- 7 network access to a phonebook database of the network,
- 8 comprising:
- a network having at least one server and at
- 10 least a phonebook database;
- at least one wiredess terminal each of which is
- 12 operably connected to said network;
- at least one transport interface to allow
- 14 communication between each wireless terminal and said
- 15 network; and
- a phonebook application, included in said
- 17 network, said phonebook application being such that (a)
- 18 for an incoming call, the network is instructed to search

4

5

6

said phonebook database to identify name of caller, and

(b) for an outgoing call, the network is instructed to

search said phonebook database to locate at least one of

a phone number and name of person or party of a call to

be made, wherein the result of each search is presented

at said wireless terminal.

40. The system according to claim 39, wherein for incoming calls said phonebook application commences in response to a phone number identification at said wireless terminal and for outgoing calls, said phonebook application commences through a user interface (UI)of said wireless terminal.

1 41. The system according to claim 40, wherein said
2 wireless terminal is continuously maintained in the
3 network to permit uninterrupted communication between
4 said wireless terminal and a server associated with said
5 phonebook database.

1 42. The system according to claim 41, wherein said 2 transport interface comprises an interface taken from the 3 list consisting of a Wireless Application Protocol (WAP) 4 interface, a Hypertext Transfer Protocol (HTTP) interface 5 and a Lightweight Directory Access Protocol (LDAP) 6 interface.

- 1 43. The system according to claim 42, wherein said
- 2 wireless terminal comprises a terminal taken from the
- 3 list consisting of a wireless phone, a personal digital
- 4 assistant (PDA), a palmtop device, and a portable
- 5 computer with wireless capability and phone hookup
- 6 capability.
- 1 44. The system according to claim 43, wherein voice
- 2 communication between a wireless terminal and another
- 3 user terminal in said network is effected using Voice
- 4 Over Internet Protocol (VoIP).
- 1 45. The system according to claim 43, wherein said
- wireless terminal has both voice and display capability
- 3 in which voice communication is effected through a
- 4 headset attachment part of said wireless terminal to
- 5 allow viewing a wireless terminal display while
- 6 exchanging voice information.
  - 46. The system according to claim 39, wherein said network further includes a journal viewing application and a journal database, said journal viewing application instructing the network to search said journal database for background information associated with at least one of a caller of an incoming phone call and a phone number

Subs/

- 7 or person/party of an outgoing call to be made and sends
- 8 results of the background information search to said
- 9 wireless terminal.
- 1 47. The system according to claim 46,
- wherein the background information stored in
- 3 said journal database which is available to each user
- 4 terminal of said network, including said wireless
- 5 terminal, having display capability, comprises:
- 6 previous phone calls, originating and
- 7 terminating, including dates, times and durations; E-
- 8 mails; task lists; documents associated with originating
- 9 or terminating call; a project; a calendar data; and a
- 10 company or plant associated with originating or
- 11 terminating call.
  - 1 48. The system according to claim 47,
  - wherein contents of said phonebook database and
  - 3 of said journal database are available wirelessly to said
  - 4 user terminal through a secured online access over the
  - 5 internet,
  - 6 wherein said phonebook database comprises phone
  - 7 number(s), name and profile information of
  - 8 personnel/clients of a company or corporation, a company
  - 9 plant, or organization/association and the like, and

assistant.

- wherein the phone numbers in said phonebook 10 database comprise phone numbers of office phones, 11 facsimile phones, cell and mobile phones, pagers and 12 handheld devices including PDAs (Personal Digital 13 Assistants) and palm units with and without voice 14 capability, said phonebook database further comprising 15 contact addresses and terminal addresses including E-mail 16 addresses of desktop and portable computers and the like. 17
  - The system according to claim 48, wherein one 1 49. or more search queries associated with an outgoing call 2 are made of said phonebook database, each search query is 3 limited to search criteria inputted at a User Interface 4 (UI) of said wireless terminal and comprises any one or 5 more items from the list consisting of: 6 7 a name and contact information including phone number(s), facsimile number(s), an E-mail address, 8
- 9 address and the like; a title of person in
  10 company/organization; a unit, plant or branch of company;
  11 a project group or work team; a building/site location;
  12 picture of person; and a person's administrative
- 50. The system according to claim 42, wherein said
   network comprises a Wireless Local Area Network (WLAN)
   including a plurality of wireless terminals, at least one

- 4 access point, a server farm and a backbone infrastructure
- 5 to support each wireless terminal, each access point and
- 6 each network server.
- 1 51. The system according to claim 41, wherein said
- 2 phonebook application is a World Wide Web (WWW) IP-based
- 3 application using Hypertext Transfer Protocol (HTTP) to
- 4 transmit information between a wireless terminal and a
- 5 WWW server having the phonebook database and using a
- 6 Hypertext Mark-up Language (HTML) browser to query a
- 7 database in said wireless terminal.
- 1 52. The system according to claim 41, wherein said
- 2 phonebook application is a Wireless Application Protocol
- 3 (WAP)-based phonebook application using a WAP browser for
- 4 Wireless Application Environment (WAE) to access a
- 5 database in a wireless terminal and transport interface
- 6 to access a WAP or WWW server having access to said
- 7 phonebook database.
- 1 53. The system according to claim 41, wherein said
- 2 phonebook application is a query-based contacts
- 3 application in which Lightweight Directory Access
- 4 Protocol (LDAP) is used to transmit information between a
- 5 wireless terminal and a Directory System Agent (DSA)
- 6 server having access to said phonebook database.

22

23

A system to provide a wireless terminal of a 1 network access to at least a journal database of the 2 network, comprising: 3 a network having at least one server and at 4 least a phonebook database; 5 at least one wireless terminal each of which is 6 operably connected to said network; 7 at least one transport interface to allow 8 communication between each wireless terminal and said 9 network; and 10 a journal viewing application, included in said 11 network, said journal viewing application detailing 12 background information related to an incoming call or an 13 outgoing call to be made and including 14 performing a search query of said journal 15 database to locate the background information, the search 16 query including a call identification process in which 17 either an incoming call phone number or at least one of a 18 phone number and name of person or party of an outgoing 19 call to be made is matched to background information 20

(ii) presenting the matched background

associated therewith in said journal database, and

information to said wireless terminal.

- 1 55. A system according to claim 54,
- wherein the background information which is
- 3 stored in said journal database and is available to a
- 4 user terminal of said system, including said wireless
- 5 terminal, comprises:
- 6 previous phone calls, originating and
- 7 terminating, including dates, times and durations; E-
- 8 mails; task lists; documents associated with originating
- 9 or terminating call; a project; a calendar data; and a
- 10 company or plant associated with originating or
- 11 terminating call.
  - 1 56. A system according to claim 55, wherein the
- 2 background information presented to said wireless
- 3 terminal is filtered and organized, including having
- 4 headings, through settings chosen by the terminal user,
- 5 the filtered settings may be varied for originating and
- 6 terminating calls.
- 1 57. A system according to claim 56, wherein
- 2 information displayed on a wireless terminal comprises:
- 3 recent phone calls, originating and
- 4 terminating; task headings; E-mail headings, and related
- 5 documents.

- 1 58. A system according to claim 57, wherein said
- 2 network comprises a plurality of wireless terminals, at
- 3 least one access point, a server farm and a backbone
- 4 infrastructure to support each wireless terminal, each
- 5 access point and each network server.
- 1 59. The system according to claim 58, wherein said
- 2 journal viewing application is a World Wide Web (WWW) IP-
- 3 based application using Hypertext Transfer Protocol
- 4 (HTTP) to transmit information between said wireless
- 5 terminal and a WWW server having access to said journal
- 6 database, and using a Hypertext mark-up Language (HTML)
- 7 browser to query a database in said wireless terminal.
- 1 60. The system according to claim 58, wherein said
- 2 journal viewing application is a Wireless Application
- 3 Protocol (WAP)-based journal viewing application using a
- 4 WAP browser for Wireless Application Environment (WAE) to
- 5 access database in said wireless terminal and using a
- 6 transport interface to access a WAP server having access
- 7 to said journal database.
- 1 61. The system according to claim 58, wherein said
- 2 journal viewing application is a query-based contacts
- 3 application in which Lightweight Directory Access

- 4 Protocol (LDAP) is used to transmit information between
- 5 said wireless terminal and a Directory System Agent '
- 6 (DSA).
- 1 62. The system according to claim 54, wherein said
- 2 wireless terminal further has voice over internet
- 3 protocol (VoIP) capability.
- 1 63. The system according to claim 54, wherein said
- 2 wireless terminal comprises a terminal taken from the
- 3 list consisting of a wireless phone, a Personal Digital
- 4 Assistant (PDA), a palmtop device, and a portable
- 5 computer with wireless capability and with/without phone
- 6 hookup capability.
- 1 64. A method for placing an outgoing call from a
- 2 wireless terminal of a communication system having one or
- 3 more wireless terminals and at least a phonebook
- 4 database, comprisind/
- instructing the system to search said phonebook
- 6 database to locate at least one of a phone number and
- 7 name of person or party to be called;
- 8 and sending results of the search to said
- 9 wireless terminal such that

7
/a
I
i nijana jara
<u>_</u>
-
==
;s
1 m
I

if the phone number/destination of (i) 10 the call to be made is found in the database, the same is 11 12 presented at said wireless terminal, and (ii) if the phone number/destination is 13 not found in an initial search query of the database, the 14 wireless terminal user, optionally, may modify the search 15 query of the system to the phonebook database or 16 terminate identification process. 17

) 5/2

5

6

wherein said communication system comprises a

Wireless Local Area Network (WLAN)

wherein said wireless terminal is continuously maintained in the network to permit uninterrupted accessibility of at least said phonebook database, and

7 wherein a protocol application is used to allow

8 communication between said wireless terminal and the

9 network, the protocol application comprising an

10 application taken from the list consisting of a Wireless

11 Application Protocol (WAP), a Hypertext Transfer Protocol

12 (HTTP) and a Lightweight Directory Access Protocol

13/ (LDAP).

1 66. A method for caller name identification of an

2 incoming call to a wireless terminal of a network having

one or more wireless terminals and at least a phonebook 3 database, comprising: 4 identifying phone number of a caller; 5 making/search query of said phonebook database 6 by said network and 7 sending restits of the search query to said 8 wireless terminal such that 9 if caller name search query is 10 successful, identification of caller is presented at said 11 wireless terminal along with background information of 12 caller, when background information of that caller exists 13 in a network database. 14 The method according to claim 66, 67. wherein said network comprises a Wireless Local Area Network (WLAN), wherein said wireless terminal is continuously maintained in the network to permit uninterrupted 5 accessibility of at least said phonebook database, and 6 wherein a protocol application is used to allow 7 communication between said wireless terminal and the 8 network, the protocol application comprising an 9 application taken from the list consisting of a Wireless 10 Application Protocol (WAP), a Hypertext Transfer Protocol 11 (HTTP) and a Lightweight Directory Access Protocol 12 (MAP). 13